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REMARKS SEP 06 2006

Claims 5-9 and 14-34 have been canceled. Claims 1-4, 10-13, and 35-42 remain pending in the application. Applicant amends claims 1 and 10-13 for clarification, and refers to Figs. 11 and 44, and page 31, line 16 et seq. in the specification for exemplary embodiments of and support for the claimed invention. No new matter has been added.

Claims 5-11 and 13 stand rejected under 35 U.S.C. § 112, first paragraph, as failing to comply with the enablement requirement.

In particular, the Examiner rejected these claims for being "single means" claims that are of undue breadth in not defining any combination of or relationship between elements of the claimed invention. Applicant cancels claims 5-9 and amends claims 10-11 and 13 to recite the feature of a memory for storing geographical features information. Applicant further submits that the claims recite interactions between structural elements, and that none of the claims recite a single means, as alleged by the Examiner. Accordingly, Applicant respectfully requests that the Examiner withdraw the § 112, ¶ 1 rejection.

Claims 1-13 and 35-41 stand rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,386,879 to Varshneya et al.; and claim 42 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Varshneya et al. in view of U.S. Patent No. 6,813,593 to Berger. Applicant amends claims 1 and 10-13 in a good faith effort to clarify the features of the invention as distinguished from the cited references, and respectfully traverses the rejections.

Varshneya et al. describe a tank simulation technique where a laser beam transmitted from a shooter tank to a target tank is used to determine the trigger pull time and the target azimuth and elevation with respect to the boresight of the gun of the shooter tank. Varshneya et al. also describe downloading tank coordinates from a GPS for determining the relative positions

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of the tanks, and, correspondingly, the effects of a simulated shot fired from the shooter tank.

Thus, Varshneya et al. do not disclose the claimed feature of storing geographical features information and judging a shot effect based on time and position information extracted from a received laser signal and the stored geographical features information.

In other words, Varshneya et al., as cited and relied upon by the Examiner, fail to disclose,

“[a] laser transmitting/receiving system for target practice including a laser transmitter and a laser receiver, wherein
said laser transmitter having a modulator for modulating a transmitting laser signal by position information of said laser transmitter and time information and
said laser receiver having an information extractor for extracting said time and position information from a received laser signal, a memory to store geographical features information and a judgment unit for judging a shot effect using the extracted time and position information and the geographical features information corresponding to position of said laser receiver.” as recited in claim 1. (Emphasis added)

Accordingly, Applicant respectfully submits that claim 1, together with claims 2-4 and 35-39 dependent therefrom, is patentable over Varshneya et al. for at least the foregoing reasons. Claims 10-13 incorporate features that correspond to those of claim 1 cited above and are, therefore, together with claims 40-41 dependent from claim 10, patentable over the cited references for at least the same reasons. Furthermore, the Examiner apparently failed to address the recording features recited in the claims—for example, in claims 35-41—and Varshneya et al. do not disclose these features. As such, these claims are patentable over Varshneya et al. for at least this additional reason.

The Examiner relied upon Berger as a combining reference to address the additional feature, recited in claim 42, of changing the amount of generated smoke based on the result of a

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simulated shot. As such, the addition of this reference would still have failed to cure the above-described deficiencies of Varshneya et al., even assuming, arguendo, that such an addition would have been obvious to one skilled in the art at the time the claimed invention was made.

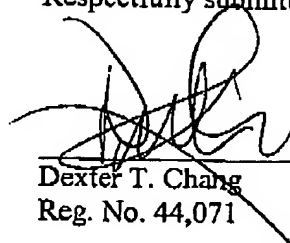
Accordingly, Applicant respectfully submits that claim 42 is patentable over the cited references for at least the foregoing reasons.

The above statements on the disclosures in the cited references represent the present opinions of the undersigned attorney. The Examiner is respectfully requested to specifically indicate those portions of the respective reference that provide the basis for a view contrary to any of the above-stated opinions.

In view of the remarks set forth above, this application is in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should consider this application not to be in condition for allowance, the Examiner is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Respectfully submitted,



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